

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	14088	345/87-104.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 17:01
S2	10515	S1 and @ad<"20030211"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 17:01
S3	5	S2 and (rectangular or delta) adj1 layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 17:01
S4	8	S2 and column\$1 with (alternat\$4 adj1 pixel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 18:54
S5	1	S2 and column\$1 with (alternat\$4 adj1 pixel\$1) with connect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/08 18:54
S6	42891	"349"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 14:48
S7	33895	S6 and @ad<"20030211"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 15:57
S8	6	S7 and (rectangular or delta) adj1 layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 15:17
S9	39	S7 and (rectangular or delta) with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 17:47

## EAST Search History

S10	0	S7 and digital with ((row adj1 buffer\$1) or (column adj1 buffer)) with switch\$1 with analog	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 15:57
S11	14088	345/87-104.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 15:57
S12	10515	S11 and @ad<"20030211"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 15:57
S13	0	S12 and digital with ((row adj1 buffer\$1) or (column adj1 buffer)) with switch\$1 with analog	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 15:58
S14	0	S12 and digital with ((row adj1 buffer\$1) or (column adj1 buffer)) with analog	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 15:58
S15	0	S12 and digital with ((row adj1 buffer\$1) or (column adj1 buffer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 15:58
S16	0	S12 and digital with ((row adj1 buffer\$1) or (column adj1 buffer\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 15:59
S17	294	S12 and digital with buffer\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 15:59
S18	190	S12 and digital with buffer\$1 with analog	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 17:28
S19	7	S12 and digital with buffer\$1 with analog with switch\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 16:16

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S20	2	("20020054005").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 16:16
S21	0	("2002/0054005").URPN.	USPAT	OR	ON	2007/06/09 16:18
S22	0	"2002013557"	USPAT	OR	ON	2007/06/09 16:19
S23	0	"20020135557"	USPAT	OR	ON	2007/06/09 16:20
S24	0	"20020135557"	USPAT	OR	ON	2007/06/09 16:20
S25	18	"5619225"	USPAT	OR	ON	2007/06/09 16:21
S26	2	("20020135557").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 16:21
S27	0	("2002/0135557").URPN.	USPAT	OR	ON	2007/06/09 16:23
S28	2	("5619225").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 16:23
S29	8	("4745406"   "4745485"   "4825203"   "4908609"   "5172249"   "5311205"   "5369417"   "5412397").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 16:26
S30	17	("5619225").URPN.	USPAT	OR	ON	2007/06/09 16:45
S31	2	("20010026251").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 16:47
S32	2	("20020063671").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 16:49
S33	2	("20020122021").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 16:51
S34	2	("20020122032").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 16:53

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S35	2	("20030076288").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 16:54
S36	2	("5130829").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 17:00
S37	62	("5130829").URPN.	USPAT	OR	ON	2007/06/09 16:55
S38	2	("6040812").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 17:03
S39	2	("6046719").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 17:05
S40	2	("6281891").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 17:06
S41	2	("6429844").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 17:07
S42	3	("6445325").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 17:08
S43	2	("6577302").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 17:09
S44	2	("6683596").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/09 17:10
S45	21	((FREDERICK) near2 (HERRMANN)).INV.	US-PGPUB; USPAT	OR	ON	2007/06/09 17:16
S46	0	("2004/0207779").URPN.	USPAT	OR	ON	2007/06/09 17:18

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S47	0	("2004/0207779").URPN.	USPAT	OR	ON	2007/06/09 17:18
S48	21	((FREDERICK) near2 (HERRMANN)).INV.	US-PGPUB; USPAT	OR	ON	2007/06/09 17:22
S49	0	S7 and digital with buffer with column with load with capacitance\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 17:48
S50	0	S7 and digital with column with load with capacitance\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 17:48
S51	1	S7 and digital with column with capacitance\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 17:50
S52	1	S7 and digital with buffer\$1 with capacitance\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/09 17:50
S53	2	("4855724"   "4907862").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 17:52
S54	24	("5113274").URPN.	USPAT	OR	ON	2007/06/09 17:54
S55	14088	345/87-104.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 17:01
S56	10515	S55 and @ad<"20030211"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 17:01
S57	14088	345/87-104.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 17:01
S58	10515	S57 and @ad<"20030211"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 17:01

## EAST Search History

S59	0	S58 and rectangular adj1 layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 17:02
S60	3	S58 and rectangular with layout	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/10 17:02